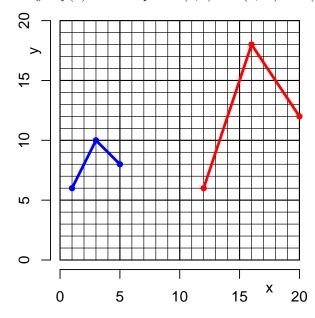
PCW_09_18 Find new points after transformation (version 41)

Question 1

Curve y = f(x) contains points (1,6) and (3,10) and (5,8), as shown on the x-y plane below.



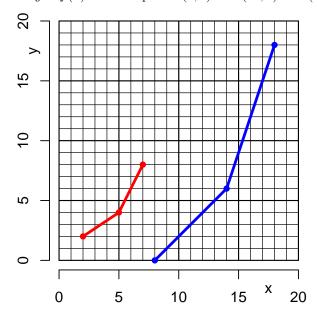
$$y = f(x)$$

On the same plane, please draw the curve represented by the equation below:

$$y = 3\left(f\left[\frac{x}{2} - 5\right] - 4\right)$$

Question 2

Curve y = f(x) contains points (8,0) and (14,6) and (18,18), as shown on the x-y plane below.



y = f(x)

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2(x+2)] + 6}{3}$$